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FACSIMILE COVER SHEET

DATE: March 28, 2006

FILE NO: AVAN/001112

TO: Mail Stop Amendment
Commissioner for Patents
Examiner: Dinh D. Chiem
Group Art: 2883

FAX NO: 571-273-8300

COMPANY: USPTO

FROM: Walter C. Grollitsch

PAGE(S) with cover: 8

ORIGINAL TO FOLLOW? ☐ YES ☒ NO

RESPONSE TO OFFICE ACTION DATED DECEMBER 28, 2005

TITLE: SYSTEM FOR REDUCING THE ELECTRICAL RETURN LOSS OF
A LITHIUM NIOBATE TRAVELING WAVE OPTICAL
MODULATOR WITH LOW CHARACTERISTIC IMPEDANCE

U.S. SERIAL NO.: 10/799,051

CUSTOMER NO.: 47389

FILING DATE: March 11, 2004

INVENTOR: Giovanni Gilardi, et al.

EXAMINER: Dinh D. Chiem

GROUP ART UNIT: 2883

CONFIRMATION NO.: 6732

CONFIDENTIALITY NOTE

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MAR 28 2006

PATENT
Atty. Dkt. No. AVAN/001112

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|------------------------------|---|-------------------------|
| In re Application of: | § | |
| Giovanni Gilardi, et al. | § | |
| | § | Group Art Unit: 2883 |
| Serial No.: 10/799,051 | § | |
| | § | |
| Confirmation No.: 6732 | § | Examiner: Dinh D. Chiem |
| | § | |
| Filed: March 11, 2004 | § | |
| | § | Customer No. 47,389 |
| For: System For Reducing The | § | |
| Electrical Return Loss Of A | § | |
| Lithium Niobate Traveling | § | |
| Wave Optical Modulator With | § | |
| Low Characteristic Impedance | § | |

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

| | |
|--|------------------|
| CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8 | |
| I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on <u>28 March 2006</u> | |
| <u>Walter C. Grollisch</u> | |
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| 48,678 | (713) 623-4844 |
| Registration No., if applicable | Telephone Number |

RESPONSE TO OFFICE ACTION DATED DECEMBER 28, 2005

In response to the Office Action dated December 28, 2005, having a shortened statutory period for response set to expire on March 28, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/001112/WCG for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. **Remarks/Arguments** begin on page 5 of this paper.